

MAGNETIC SAFETY

COLLIDER-ACCELERATOR
DEPARTMENT

REVIEW # 282

Experiment # s-PHENIX

Date: 3/17/2016

Equipment s-PHENIX SUPERCONDUCTING SOLENOID MAGNET

Location 912 EEBA / Vertical Test Facility

Liaison Engineer D. Phillips

Previous Review # NONE

Recommendations:

- 1) Remove workbench and cart from area.
- 2) Housekeeping on desk to ensure no ferrous materials are present.
- 3) Remove bucket from area.

Observations:

- No "magnet on" flashing light; not necessary, field < 500G.
- Barrier set at 5 G line, chain & stanchions w/"CAUTION - STATIC MAGNETIC FIELD" placards.
- Barrier set at solenoid opening, caution tape.
- Workbench & rolling cart nearby w/ loose hardware on them.
- Desk nearby, covered with clutter.
- Metal handled plastic bucket on rope suspended from overhead platform, near magnet.

- Access restriction installed: Yes, () No.
- High magnetic field sign installed: Yes, () No.
- "Magnet On" flashing light installed: () Yes, No.

Reviewed by: *Jesse M. Fritz* Date: 3-17-2016

It is the responsibility of the Experimenter to have the "Magnet On" light flashing and the access gates secured and interlocked with the magnet's power supply during its operation.

Copy to: Liaison Engineer
Experimenter